# WI-PS518GV

## 16FE+2GE+1SFP Ports 48V

## VoIP PoE Switch with 16-Port PoE

## Data sheet
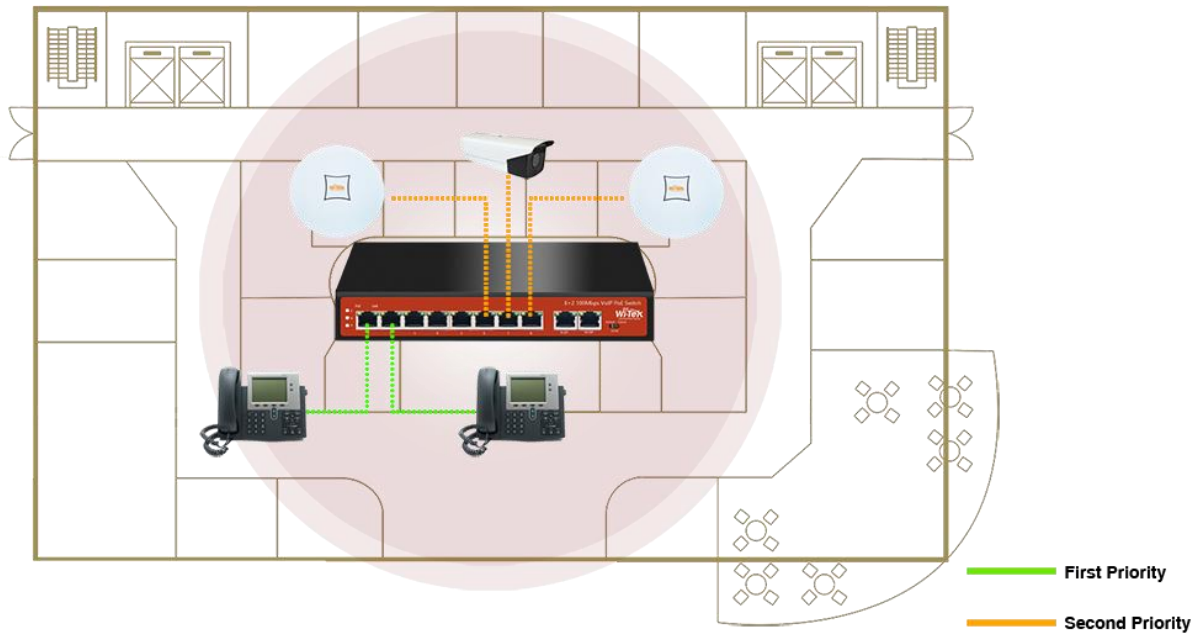
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## Highlights

- 16FE+2GE+1SFP Ports with 16 PoE ports

- QoS for Voice with smoother VoIP data transmission

- Supports PoE power up to 30W for each port

- Supports PoE IEEE 802.3af/at compliant PDs

- Internal power adapter supply 150W output power

- 2GE Uplink Port for Gigabit application

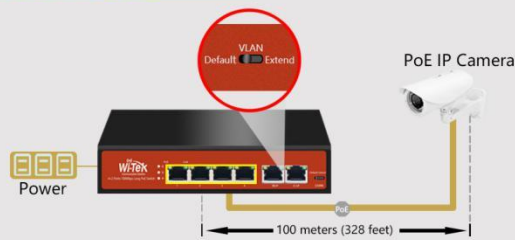- Support 250meter Long-Range PoE Transmission

## Product

## Typical Applications



First Priority
Second Priority

## Support below brand VOIP PHONE

Yealink    Fanvil    3CX.

### Standard PoE Mode



VLAN
Default — Extend

PoE IP Camera

Power

100 meters (328 feet)

### Extend PoE Mode



VLAN
Default — Extend

PoE IP Camera

Power

250 meters (820 feet)

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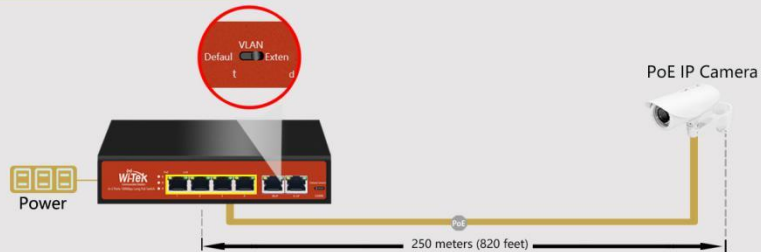
## What This Product Does

WI-PS518GV is a 16FE+2GE+1SFP Ports unmanaged switch design for SMB VoIP application that requires no configuration and provides 16 PoE ports. The switch provides an easy way to expand your wired network. All 18 ports support auto-MDI/MDIX, eliminating the need to worry about the type of cable to use. Featuring full duplex mode, the WI-PS518GV can process data at a rate of up to 2000Mbps making it an ideal choice for expanding your high performance wired network. Its Port VLAN and fixed QoS for Voice can make smooth transmit VOIP data. Based on Port priority: define 2 level group ports to keep VoIP ports high priority transfer, Level-1 Ports group is Ports1-8 and 2 uplink ports, Level-2 Ports group is Ports9-16, so you can connect VoIP phone to Port 1-8 for keep fastest data transmit to uplink ports.

## Specification

| HARDWARE FEATURES | |
|---|---|
| **Interface** | 16  RJ45  10/100M  ports<br><br>2  RJ45  100/1000M  ports<br><br>1 SFP 1000M Fiber ports |
| **Network Media** | 10Base-T: Pair 2 Category 3(Cat3) and above UTP/STP(≤100m)<br><br>100Base -TX: Pair 2 Category 5(Cat5) and above UTP/STP(≤100m)<br><br>1000Base-T: Pair 4 Category 5(Cat5e) and above UTP/STP(≤100m)<br><br>1000Base-SX:62.5μm/50μm MMF(2m~550m)<br><br>1000Base-LX:62.5μm/50μm MM(2m~550m) or 10μm SMF(2m~5000m) |
| **Fan Quantity** | 2 Fan |
| **POE Ports(RJ45)** | POE Ports:Port1~16 |

| | |
|---|---|
| **POE Standards** | 802.3af/at |
| **Exchange Capacity** | 9.2Gbps |
| **Mac Address Table** | 8K |
| **Packet Forwarding Rate** | 3Mpps |
| **Buffer** | 2Mbps |
| **Jumbo Frame** | 10240B |
| **Dimensions** | Product Size： 295mm*195mm*45mm （L*W*H） |

## SOFTWARE FEATURES

| Transmission Method | Store-And-Forward |
|---|---|
| Advanced Functions | Priority Function<br>Mac Address Auto-Learning And Auto-Aging<br><br>Store and forward<br><br>IEEE 802.3x  flow control for<br><br>Full-duplex Mode<br><br>Backpressure for Half-duplex Mode<br><br>Support VLAN |

## OTHERS

| Certification | CE, FCC, RoHS |
|---|---|
| Package Contents | POE Switch<br><br>Electric Line<br><br>Guidebook/Warranty Card<br><br>2L Shape Mount+4 Shim |
| Environment | Working Temperature：<br><br>-10℃～55℃<br><br>Storage temperature ： |

| | |
|---|---|
| | -40℃～70℃<br><br>Working Humidity ：<br><br>10%～90% RH<br><br>non-condensing<br><br>Storage Humidity：<br><br>5%～90% RH non-condensing |